CLAIMS

1. A metal complexing agent having attached thereto at least one substituent of formula

$$-(Y)_m-A-NHR,$$

where:

Y is the same or different at different locations within the molecule and is independently chosen from: an A group, a C_{4-8} cycloheteroalkylene group, a C_{4-8} cycloalkylene group, a C_{5-12} arylene group, a C_{3-12} heteroarylene group, or a polyalkyleneglycol, polyactic acid or polyglycolic acid moiety,

m is an integer of value 0-20,

A is a 3-10 atom chain of units selected from $-CR_2-$, -CR=CR-, $-C\equiv C-$, $-NRCO-$, $-CONR-$, $-SO_2NR-$, $-NRSO_2-$, or $-CR_2ZCR_2-$ where Z is $-CH_2-$, O, S, Se or $-NR-$,

R is the same or different at different locations within the molecule and is independently chosen from H, C_{1-4} alkyl, C_{1-4} alkenyl, C_{1-4} alkynyl, C_{1-4}alkoxyalkyl or C_{1-4} hydroxyalkyl,

with the proviso that the complexing agent does not also have attached thereto a hypoxia localising moiety.

2. The metal complexing agent of claim 1, wherein A is

$-NHCO(CH_2)_2Z(CH_2)_2-$, or

$-SO_2NH(CH_2)_2Z(CH_2)_2-$, or

$-(CH_2)_2Z(CH_2)_2-$.

3. The metal complexing agent of claim 1 or claim 2, wherein Z is CH_2.

4. The metal complexing agent of any one of claims 1 to 3, wherein the at least one substituent has the formula

$$-(Y)_m-A-NH_2.$$

5. The metal complexing agent of any one of claims 1 to 4, wherein the substituent has the formula

$$-(Y)_b-Ar-SO_2NH(CH_2)_5NH_2$$

where b is an integer of value 0 to19 and Ar is an arylene or heteroarylene group.

6. The metal complexing agent of any one of claims 1 to 5, wherein the complexing agent is a metal chelating agent.

7. The metal complexing agent of claim 6, wherein the metal chelating agent is a diaminedioxime.

8. A metal complex of one or more radiometal or paramagnetic metal ions with the metal complexing agent of any one of claims 1 to 7.

9. The metal complex of claim 8, wherein the radiometal is ^{99m}Tc, ^{111}In or ^{67}Ga.

10. The metal complex of claim 8 or claim 9 for use in the diagnosis or therapy of thrombosis, embolism, atherosclerosis, inflammation or cancer.

11. A kit for the preparation of the metal complex of any one of claims 8 to 10.

12. A vessel containing a unit dose for human administration of the metal complex of any one of claims 8 to 10.

13. A method of preparing a composition for use in the diagnosis or therapy of thrombosis, , atherosclerosis, inflammation or cancer, which method comprises bringing the metal complex of any one of claims 8 to 10 into a form suitable for human administration.